## NEAL T. HAUSCHILD

ATTORNEY AT LAW 4310 SUNBURY ROAD GALENA, OHIO 43021 RECEIVED CENTRAL FAX CENTER FEB 2 2 2005

(614) 989-6507 FAX (614)573-7635

FAX (6	14)573	7635	
FACSIMILE TI	RANSMIT	TAL SHEET	
TO: Assistant Commissioner for Patents	from:	eal T. Hauschild	
COMPANY: USPTO		22/2005	
fax number: (703) 872-9306		NO. OF PAGES INCLUDING	C COVER:
PHONE NUMBER:	•	14) 989-6507	<u> </u>
REPLY TO OFFICIAL ACTION FOR ENTRY Application No. 10/800,996			
☐ URGENT ☐ FOR REVIEW ☐ PLEASE (	COMMENT	☐ please reply	☐ PLEASE RECYCLE
NOTES/COMMENTS:  Assistant Commissioner for Patents	BES	ST AVAILABI	LE COPY
Attached is the formal response to the one No. 10/800,996.	office actio	n dated November 2	6, 2004 for application
If you have any questions about the resport by email at nth@nthlaw.com.	ponse, do 1	not hesitate to contac	t me at (614) 989-6507
Sincerely,  Neal Hauschild, Esq.			

Under the Personant Reduction Act of 1995, no page many required to insport of a provision of infraring united united infraring united uni				u.s. F	A) Alert and Trees	pproved for use throug demark Office; U.S. D marical unless it displa	PTO/SE/21 (09-04) ph 07/31/2008. OMB 0651-0031 EPARTMENT OF COMMERCE per a valid OMB control number.	
FIRST Named Inventor   Guidney, William   1724	Under the Pagener	ork Reduction Act of	1995. no person	Application Number	10/800,996			
FORM    First Named Invertor   Glober, William   1724   Examiner Name   Near C. Cintina   1724   Examiner Name   Near C. Cintina   Name C. Cintina   Name   Near C. Cintina   Name   Name			1	Filing Date	03/15/2004			
### At Unit   1724   Examiner Name   Heart C. Cinthra   Heart C. Cinth		_	lua.	· · · · · · · · · · · · · · · · · · ·	Gladney, W			
Total Number of Pages in This Submission   2	,	FORM		Art Unit	1724			
Attorney Docket Number   Co0011				Examiner Name	twars C. Cin	tins	<del></del> _	
ENCLOSURES (Check all that apply)	(to be used for all a	orrespondençe alle	rinitial filling)	Anomay Docket Number				
Fee Transmittal Form			1 -	Alloney Docker Hamser	GOOTT			
Fee Transmittal Form  Fee Attached  Petition to Convert to a Provisional Application Power of Attachery, Revocation Change of Correspondence Address  Ferminal Disclaimer				OSURES (Check at	that apply)			
Fee Attached    Fee Attached						After Allow	vance Communication to TC	
Certified Copy of Priority Document(s)   Reply to Missing Parts Incompete Application   Reply to Missing Parts Incompeted   Reply to Missing Parts Incom	Fee Transmi	ttal Form		Drawing(s)		Anneed C	ammunication to Board	
Amendment/Rephy Amendment/Rephy After Final Provisional Application Change of Correspondence Address Terminal Disclaimer Express Abandonment Request Express Abandonment Request Information Disclosure Statement  Certified Copy of Priority Document(8) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts/ Incomplete Application Reply to Missing Parts Incom				Licensing-related Papers		of Appeal	s and Interferences	
Amendment/Reply After Final Af	Fee /	Attached				Appeal C	ommunication to TC	
After Final Provisional Application Power of Attorney, Revocation Other Enclosure(s) (please Identification of Time Request Express Abandonment Request Information Disclaimer December 1 December 2 December 1 December 2 December 1 December 2 Decem	7	Penhr				I <del></del>		
Affidevits/declaration(s)  Extension of Time Request Express Abandonment Request Information Disclosure Statement  Con Number of CD(s) Landscape Table on CD  Certified Copy of Priority Document(s)  Reply to Missing Parts Incomplete Application Reply to				Petition to Convert to a		Proprieta	ry Information	
Extension of Time Request Extension of Time Request Express Abandonment Request Information Disclosure Statement  Co. Number of CD(s) Landscape Table on CD  Remarks  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts Reply to Missing Parts Incomplete Application Remarks  Signature OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Neal T. Hauschild, Esq  Printed name Neal T. Hauschild Reg, No. 50854  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Servic sufficient postage as first does mail in an envelope addressed to: Cormulassioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 Signsture  Date 02/22/200\$	After	Final	17	Down of Attorney, Revocati	ion Address	Status Le	etter	
Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Request for Refund  CD. Number of CD(s)  Landscape Table on CD  Remarks  BEST AVAILABLE COPY  Reply to Missing Parts  Uncomplete Application  Reply to Missing Parts  Under 37 CFR 1.52 or 1.53  BEST AVAILABLE COPY  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Neal T. Hauschild, Esq  Signature  Printed name  Neal T. Hauschild, Esq  Signature  Printed name  Neal T. Hauschild  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Servic sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14  Signature  Date	<b>✓</b> Affid	avits/declaration(	5)	-	: Winters		closure(s) (please identify	
Express Abandonment Request Information Disclosure Statement    Request for Refund   C.O. Number of CD(s)     Landscape Table on CD     Landscape Table on CD     Reply to Missing Parts/ Incomplete Application   Reply to Missing Parts     Uncomplete Application   Reply to Missing Parts     Uncomplete Application   Reply to Missing Parts     Under 37 CFR 1.52 or 1.53     Signature   Signature   Neal T. Hauschild, Esq     Signature   Printed name   Neal T. Hauschild   Reg. No.   50854     CERTIFICATE OF TRANSMISSION/MAILING     I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service     Landscape Table on CD     Remarks   BEST AVAILABLE COPY     Remarks   BEST AVAILAB	Extension o	f Time Request				DERW).		
Information Disclosure Statement  CD, Number of CD(s)  Landscape Table on CD  Remarks  Reply to Missing Parts/ troomplete Application Tro	=		est	Request for Refund		1		
Certified Copy of Priority   Remarks			111	CD, Number of CD(s)		1		
Certified Copy of Priority Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts Under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Neal T. Hauschild, Esq Signature Printed name Neal T. Hauschild Date 02/22/2005  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facetimile transmitted to the USPTO or deposited with the United States Postal Servic sufficient postage as first dass mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 Signature Date 02/22/2005	information	Disclosure State	inesit	I andscape Table on	CD			
Certificant postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:    Certific Name			Par					
Reply to Missing Parts Incomplete Application Reply to Missing Parts Index 37 CFR 1.52 or 1.53    Reply to Missing Parts Index 37 CFR 1.52 or 1.53	Certified Co	opy of Priority	[ Kei	III III				
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Neal T. Hauschild, Esq  Signature  Printed name  Neal T. Hauschild  Date  O2/22/Z005  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage and P.O. Box 1450, Alexandria, VA 22313-14 sufficient postage and P.O. B	Penty to M	Issino Parts/	ļ	<b>1</b>	CCT	AVAIL AF	RIF COPY	
Signature  Neal T. Hauschild, Esq  Signature  Printed name  Neal T. Hauschild  Date  O2/22/2005  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service the date shown below:  Signature  Date  O2/22/2005	Incomplete	Annlication	<b>de</b>	<b>C</b>	DEOI	VAVIEVE	JEE OO! !	
Signature  Printed name  Neal T. Hauschild  Date  02/22/2005  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:  Signature  Date  02/22/2005	C Re	der 37 CFR 1.52	or 1.53					
Signature  Printed name  Neal T. Hauschild  Date  02/22/2005  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:  Signature  Date  02/22/2005	_							
Signature  Printed name  Neal T. Hauschild  Neal T. Hauschild  Reg. No. 50854  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:  Signature  Date 02/22/2005			SIGNATUR	E OF APPLICANT, AT	TORNEY,	OR AGENT		
Printed name  Neal T. Hauschild  Date  02/22/2005  CERTIFICATE OF TRANSMISSION/MAILING  Chereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:  Signsture  Date 02/22/2005	Firm Name							
Date 02/22/2005  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Servic sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:  Signature  Date 02/22/2005	Signature	126						
CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:  Signature  Date 02/22/2005	Printed name	Neal T. Hauschi	Rd		- 1			
CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facelimite transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:    Date   02/22/2005	Deta	02/2/2/005			Rag. No	50854		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14 the date shown below:    Signature	Daib	02/22/2005						
sufficient postage as not of the date shown below:  Signsture  Date 02/22/2006							The Service Postal SAIVICE WI	
sufficient postage as that the date shown below:  Signature  Date 02/22/2006		- I min en monton	dence is being	facsimile transmitted to the L	JSPTO or de	eposited with the Ui	Alexandria, VA 22313-1450 o	
Signature   Date   02/22/200\$	e morem 005449	6 92 Incr owen	all in an envelo	pe addressed to: Commission	ler tor r aux			
				V			<del></del>	
	L		11/			Date	02/22/200\$	
Typed or printed name Neal T. Hauschild	Typed or printer	nikule i					had in to 50 (and by the LISE	
Typed or printed name  Near 1.1 sections of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete process, any community of the public which is to file (and by the government of the process) and selection is to file (and by the government of the complete process). The unit of the complete process for reducing the burden, should be sent to the Chief Information Officer, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450.  ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	This collection of process) an applicationing, prepar	information is required testion. Confidential ting. and submitting	the completed a	teplication form to the during the dior suggestions for reducing the D.O. Box 1450, Alexandra, VA	burden, sho 22313-1450. ria, VA 2231	uld be sent to the CA DO NOT SEND FEE 3-1450.	S OR COMPLETED FORMS TO	

If you need essistance in completing the form, call 1-800-PTO-9199 and select option 2.

## REPLY

Following is the reply to the office action mailed 11/26/2004 for Application number 10/800,996, applicant William Gladney:

 Per the claim rejections in the detailed action and based on 35 USC §103(a), the subject application is believed to be nonobvious for the following reasons and are deemed to be satisfactory to overcome any rejections stated in the detailed action:

The invention claimed in application 10/800,996 is not obvious to one of ordinary skill in the art due to Teranishi (U.S. Patent No. 4,622,142) and Yanagihara (U.S. Patent No. 4,660,393) in view of Knauf et al. (U.S. Patent 5,510,031) and Poiner (U.S. Patent No. 6,337,015). The prior art does not disclose or even suggest the modification of having a dual filter chamber with separate hot and cold water outlets. All prior art references only have one filtering chamber used to combine hot and cold water, and only have one outlet. There is no suggestion by any prior art references, either explicit or implicit, that a modification of the filtering chamber to be separated for a plurality of water sources would be a success.

Furthermore, no references convey to one skilled in the art that there is a reasonable expectation that a dual filter chamber and separate outlets for hot and cold water would be successful if the modification was made. On the contrary, in light of the teachings of Knauf, a dual filtering chamber appears to be impossible based on the bypass filter mechanism attached only to the hot water. This specific inclusion of the bypass mechanism is clear evidence that a dual filter chamber was not capable of achieving the filtering results as the subject invention of this application.

None of the prior art teaching provide enabling methodologies for practicing the claimed invention. The very inclusion of the by-pass mechanism of Knauf that differs from the hot water and cold water inlets clearly shows that the separate filtering chambers and the separate outlets was not considered as being a viable option.

None of the cited patents include a dual water filter chamber or distinctly separate water outlets. As cited in the USPTO office action, the invention in the subject application with its unique separate inlets, separate filtering chambers, and separate

outlets clearly results in "better control [of] the filtration of the water supplied to the washing machine..." This is an unexpected result based on the prior art since the better control over the final temperature is important in the proper washing of clothes.

The prior art and products on the market only have one chamber for water to enter and exit, thus requiring the mixing of hot and cold water either before entering the filter chamber or inside the chamber. Controlling that water flow and the temperature of the output is extremely difficult if not impossible with the cited prior art.

Furthermore, the cited prior art requires modification to the washing machine in order to use the filtering device. If the device is not attached to the washing machine, a separate device of a water diverter (as pictured in Fig. 7 of Yanagiara) needs to be attached to the washing machine to prevent leaking and allow the washing machine to function properly. The subject invention is a "point of use" filtration device that requires no additional tools or skills to set up than a typical washing machine installation.

Additionally, depending on the impurities that are being filtered from the water, a filter cartridge that is commonly used for cold water may not be suitable for hot water. The filter media may be identical, but the filter cartridge that houses the media may be structurally different to prevent filter cartridge failure at higher temperatures. By only having one chamber, a single filter cartridge may be inadequate to achieve the desired filtering of impurities.

If you have any questions, please contact me at (614) 989-6507.

Sincerely,

BEST AVAILABLE COPY

Neal T. Hauschild, Esq. 4310 Sumbury Rd Galena, OH 43021

(614) 989-6507 fax (614) 573-7635